```
Title:
Perfect s
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum
Maximum
                                                                                                                                                                                                                                                                                                                                                       Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Run
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Post-processing:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Total number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OM nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Searched:
                     0 0 0 0
                                                                                                                                                                                                                                                                                 \alpha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            on:
     22222222111111111
76543210987654321
                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. N
score c
and is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             score:
                                                                                                                                                                                                                                                                                                                                                       Score
   seq
                                                                                                                                                                                                                                                                                                                                                                                                                   No. is the number of results predicted by chance to have a greater than or equal to the score of the result being printed, serived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic search, using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       length:
length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-758-881-11
20
1 getecageatetge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                       Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     65.43.11
65.43.11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum Match
Maximum Match
Listing first
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   569978 seqs,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IDENTITY_NUC
Gapop 10.0 ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           August
  90.0
90.0
90.0
671.0
667.0
666.0
666.0
666.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ssued
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gctccagcatctgctgcttc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GenCore
Copyright (c) 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ;ued_Patents_NA:*
/cgn2_6/ptodata/1/ina/5A_COMB.seq:*
/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/backfiles1.seq:*
                                                                                                                                                                                                                                                                                                                                                         Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19, 2003,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        30
    Gapext
                                                                                                                                                                                                                                                                                                                                                         DВ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      220691566
       0%
100%
45 SI
US-09-288-461-87
US-09-288-461-23
US-09-667-135-17
US-08-704-931-14
US-08-190-199A-39
US-08-992-877-75
US-08-992-877-75
US-09-433-699-33
US-09-705-267A-174
US-09-258-371-13
US-09-258-371-13
US-09-258-371-13
US-08-751-230-19
US-08-751-230-19
US-09-258-372-13
US-09-258-372-13
US-09-258-372-13
US-09-258-372-13
US-09-258-372-13
US-09-258-372-19
US-09-258-372-19
US-08-743-637B-209
US-08-743-637B-209
US-08-556-419-5
US-08-556-419-5
US-08-556-419-5
US-08-556-419-5
US-08-700-519J-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20:02:59 ;
                                                                                                                                                                                                                                                                                                                                                       ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SE
                                                                                                                                                                                                                                                                                                                                                                                             SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      version - 2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scarch time 67 Scco
(without alignments)
131.756 Million cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5.1.6
Compugen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Seconds
                                                                                                                                                                                                                                                                                                                                                     Description
  sequence
  87, Appl
23, Appl
17, Appl
14, Appl
39, Appl
174, Appl
173, Appl
174, Appl
113, Appl
119, Appl
1
```

RESULT 2 US-09-288-461-23 US-09-288-461-23 ; Sequence 23, Application US/09288461 ; Patent No. 6159694 ; GENERAL INFORMATION: APPLICANT: Karras, James G. TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3 ; TITLE OF INVENTION: Expression FILE REFERENCE: ISPN-038 ; CURRENT APPLICATION NUMBER: US/09/288,461 CURRENT FILING DATE. 1999-04-08 ; NUMBER OF SEQ ID NOS: 107 ; SOFTWARE: Patentln Ver. 2.0 ; SEQ ID NO 23 ; LENGTH: 20 TYPE. DNA ; ORGANISM. Artificial Sequence FEATURE. ; OTHER INFORMATION: Synthetic Sequence US-09-288-461-23	Query Match 92.0%; Score 18.4; DB 3; Length 20; Best Local Similarity 95.0%; Pred. No. 28; Matches 19, Conservative 0; Mismatches 1; Indels 0; Gaps Qy 1 GCTCCAGCATCTGCTTC 20	RESULT 1 US-09-288-461-87 ; Sequence 87, Application US/09288461 ; Patent No. 6159694 ; GENERAL INFORMATION: APPLICANT: Karras, James G. TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3 ; TITLE OF INVENTION: Expression FILE REFERENCE: ISPH-0338 ; CURRENT APPLICATION NUMBER: US/09/288,461 ; CURRENT FILING DATE: 1999-04-08 ; NUMBER OF SEQ ID NOS: 107 ; SOFTWARE: Patentin Ver. 2.0 ; SEO ID NO 87 ; LENGTH: 20 TYPE: DNA ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Synthetic Sequence US-09-288-461-87	ALIGNMENTS	C 28 12.8 64.0 20 4 US-09-705-267A-173 Sequence 173, Ap C 29 12.8 64.0 21 1 US-08-122-795B-9 Sequence 9, Appl C 30 12.8 64.0 21 5 PCT-US94-09963A-9 Sequence 9, Appl C 31 12.8 64.0 21 6 5182262-4 US-09-383-316-108 Sequence 108, Ap C 32 12.8 64.0 22 4 US-09-383-316-108 Sequence 108, Ap C 34 12.8 64.0 26 4 US-09-155-152 1 Sequence 11, Appl C 34 12.8 64.0 29 4 US-09-772-315-4 Sequence 11, Appl C 36 12.8 64.0 29 4 US-09-772-315-4 Sequence 11, Appl C 36 12.8 64.0 29 4 US-09-793-711A-173 Sequence 16, Appl C 37 12.6 63.0 27 1 US-08-953-711A-173 Sequence 173, Ap C 41 12.6 63.0 27 1 US-08-421-356-12 Sequence 12, Appl C 40 12.6 63.0 27 1 US-08-421-356-13 Sequence 13, Appl C 41 12.6 63.0 27 1 US-08-951-974B-184 Sequence 13, Appl C 42 12.6 63.0 27 4 US-09-046-783-13 Sequence 134, Ap C 44 12.6 63.0 27 4 US-09-046-783-13 Sequence 13, Appl Sequence 14, Appl Sequence 14, Appl Sequence 14, Appl Sequence 14, Appl Sequ
	0			App 1 1 9 9 1 1 9 9 1 1 9 9 1 1 9 9 1 1 1 9 9 1 1 1 9 9 1 1 1 9 9 1 1 1 9 9 1 1 1 9 9 1 1 1 9 9 1 1 1 9 9 1 1 1 9 9 1 1 9 9 1 1 9 9 1 9 1 9 9 1

0

```
γÇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               공
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ဋ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFOR US-09-667-135-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 4
US-08-704-931-14/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-667-135-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10 Patent No. GENERAL II
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Fa
SEQ ID NO 17
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 17, Application US/09667135

Patent No. 6521749

GENERAL INFORMATION:
APPLICANT: Vincent Ling
APPLICANT: Kyriaki Dunussi-Joannopoulos
TITLE OF INVENTION. NOVEL GL50 MOLECULES AND USES THEREFOR
FILE REFERENCE: GNN-007
CURRENT APPLICATION NUMBER: US/09/667,135
CURRENT FILING DATE: 2000-09-21
NUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mat.ches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query
         APPLICATION NUMBER: US/08, FILING DATE: CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION: NAME: King, Jeffrey J
REGISTRATION NUMBER: 38,51
REFERENCE/DOCKET NUMBER: F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: No. 5885797cl DNA SequeNTITLE OF INVENTION: Involved in Myogenesis NUMBER OF SEQUENCES: 23
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                      ZIP:
                                                                                                                                                                                                                                              CITY:
                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                           ADDRESSEE: Stratton Ballew, STREET: 1218 Third Avenue,
                                                                                                                                                                                                                                STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION: primer
                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                       14, Application US/08704931
5. 5885797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GCTCCAGCATCTGCTGCT 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 GCTCCAGCATCTGCTGCT 20
                                                                                                                                                                                                      98101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                             Seattle
                                                                                                                                                                                                                                WA
                                                                                                                                                                                                                                                                                                                                                           Kraut, No. 588
Groudine, Mark
                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                              Weintraub,
                                                                                                                                                                                                                                                                                                                                                                                          Chen, Chao-Min
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              71.0%;
84.2%;
                                                                                                                                                                                                                                                                                                                                No. 5885797cl DNA Sequences Encoding Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 90.0%;
                                                                                                                                                                                                                                                                                                                                             Harold
                                                                                                                                                                                                                                                                                                                                                                           -Min (Amy)
5885797bert
                                                                                                 US/08/704,931
                       38,515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 18; DB; Pred. No. 41; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
            HU11.PO2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score
                                                                                                                                                                                                                                                                        PLLC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14.2; DB 4;
No. 1.5e+03;
                                                                                                                            Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ω
••
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
```

```
QY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Z
D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Q
V
                                                                                         US-08-190-199A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-190-199A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-704-931-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
                                       Matches
                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                    Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Rest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL
                                                                                                                                                                                                        INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION
                                                                                                                                                                 APPLICATION NUMBER: GB 9
FILING DATE: 10-AUG-1991
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: GOROCHOV, Guy
APPLICANT: JONES, Peter T.
APPLICANT: WINTER, Gregory P.
TITLE OF INVENTION: TREATMENT OF CELL POPULATIONS
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: PILLSBURY MADISON & SUTRO, L.L.P.
STREET: 1100 New York Avenue, N.W.
                                                                                                     ANTI-SENSE:
                                                                                                                              MOLECULE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE
                                                                                                                HYPOTHETICAL:
                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                         PRIOR APPI
                                                                                                                                                                                                                                                PRIOR APPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE
                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                          APPLICATION NUMBER: GB 9212419
FILING DATE: 11-JUN-1992
RIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
                                                                                                                                           TOPOLOGY
                                                                                                                                                                                                                                                                                               FILING I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/GB92/01483 FILING DATE: 10-AUG-1992
                                                                                                                                                                                                                                                                                                                                     CLASSIFI
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP:
                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                   FILING
                                                                                                                                                                                                                                                                                                                                                               APPLICAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               39,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15
                                                                                                                           TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Washington
CTCCAGCATCTGCTGCT 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FOR SEQ ID NO: CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     : U.S.A.
                                    69.0%; imilarit; 88.2%; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/08190199A
330663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NE:
                                                                                                                                                                                                                                                                                                                                                              CION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              D.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ·39/c
                                                                                                                                                                                                                                                                                                                        CATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              71.0%;
milarity 84.2%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               YPE:
                                                                                          39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30 base pairs
                                                                                                     N<sub>O</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EMBLETON, Michael J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    206-682-0446
                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                206-683-1496
                                                                                                                  NO
                                                                                                                                                                                                                                                                                                                             בבא: US/08/190,199A
13-JUL-1994
)N: 435
                                                                                                                                                                                                                    MBER: GB 9117352.6
10-AUG-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CDNA
                                                                                                                             DNA (genomic)
                                                                                                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                      0;
                                    Score 13.8; DB 2; Pred. No. 2.2e+03; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 14.2; DH 2; Pred. No. 1.5e+U3; D; Mismatches 3;
                                                             Length 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                      0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0
```

Db

 $\dot{\infty}$

CTCCAGCAGCTGCAGCT

0

```
RESULT 6
US-08-992-877-75

coruence 75, Ap
                                RESULT 8
US-09-705-267A-173
; Sequence 173, Application US/09705267A

Patent No. 6551826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     QУ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; FEATURE:
; OTHER INFORMATION: Description; OTHER INFORMATION: sequences
US-08-992-877-75
                                                                                                                                                                       γΩ
                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense US-09-433-699-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-433-699-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT
    ; beque:
; Patent No. 6551620
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TOANT: Susan M. F:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 75
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 33 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 75 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0109
                                                                                                                                                                                                                Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                              SEQ ID NO 33
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
TITLE OF I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: superantigen
CURRENT APPLICATION NUMBER: US/08/992,877
CURRENT FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/044,074
PRIOR FILING DATE: 1997-04-17
NUMBER OF SEQ ID NOS: 78
COMMUNICATION DESCRIPTION OF 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Terman, David S
TITLE OF INVENTION: SUPERANTIGEN BSED METHODS
TITLE OF INVENTION: TRREATMENT OF INFECTIOUS I
                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/433,699B CURRENT FILING DATE: 1999-11-03
 APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                            NUMBER OF
                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         33, Application US/09433699B
). 6165786
                                                                                                                                                                                                  14;
                                                                                                                                                                                                                                                                                                                                20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
16; Conser
                                                                                                                                                        5 CAGCATCTGCTGCTT 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5, Application US/08992877 6340461
                                                                                                                                                                                                 Similarity 93.1
                                                                                                                                                                                                                                                                                                                                                            SEQ
                                                                                                                                          CAGCAGCTGCTGCTT 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PatentIn Ver.
  Andrew
                                                                                                                                                                                                                                                                                                                                                            ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
              Freier
                                                                                                                                                                                                                                                                                                                                                            89
 Watt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               68.0%;
                                                                                                                                                                                                              67.0%;
93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
                                                                                                                                                                                                                                                                     Oligonucleotide
                                                                                                                                                                                                  0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.6; DB 4;
Pred. No. 2.7e+03;
); Mismatches 4
                                                                                                                                                                                                Score 13.4; DB 3; Pred. No. 3.2e+03; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFECTIOUS DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                  NUCLECLIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AND COMPOSITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4;
                                                                                                                                                                                                                            Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
                                                                                                                                                                                                 0;
```

```
Qy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Db
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                QΥ
                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-705-267A-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 9
US-09-705-267A-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-705-267A-
                                                                                                                                                                                                                                                      RESULT 10
US-09-258-257-9
                                                                                                                                                          Patent No. 5965398

GENERAL INFORMATION:
APPLICANT: GARKAVTSE
APPLICANT: RIABOWOL,
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local S
Matches 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 174
LENGTH: 20
                                                                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 173
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICA
CURRENT FILING
NUMBER OF SEQ I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
TITLE OF I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                               NUMBER OF
             COMPUTER
  OPERATING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      174, Appli
o. 6551826
                                                                                                                                                                                                                             9, Application US/09258257
5. 5965398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14;
                                                                                                                                                                                                                                                                                                                                                                  14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
C
                                                                                                                                                                                                                                                                                                              4 C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CTCCAGCATGTGCTG 15
                                                                                                                                             SEQUENCES:
                                                                                                                                                                                                                                                                                                             TCCAGCATGTGCTG 18
                                                                                                                                                                                                                                                                                                                                      TCCAGCATCTGCTG 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Susan M. Freier
Andrew T. Watt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ICCAGCATCTGCTG 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CATION NUMBER: US/09/705,267A

AG DATE: 2000-11-01

ID NOS: 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       67.0%;
nilarity 93.3%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/09705267A
                                                                                                                                                           GARKAVTSEV, IGOR
RIABOWOL, Karl
ZENTION: DNA SEQUENCE ENCODING A TUMOR
ZENTION: SUPPRESSOR GENE
  SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                  Conservative
           : Floppy disk
                                                                                                      Burns, Doane,
). Box 1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Zhang
compatible PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                            67.0%;
93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
                                                                                                                                                                                                                                                                                                                                                              Score 13.4; D
Pred. No. 3.2e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                  0;
                                                                                                                     Swecker & Mathis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.4; DB 4; Pred. No. 3.2e+03; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                            13.4; DB 4;
No. 3.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RAIDD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RAIDD EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                          Length 20;
                                                                                                                                                                                                                                                                                                                                                                0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                Gaps
```

0;

```
Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; MOLECULE TYPE: US-09-258-257-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 11
US-09-258-371-13
                     REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 0287
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-7400
TELEFAX: 415-854-8275
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (650) 854-7400
TELEFAX: (650) 854-8275
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 13, Applicat Patent No. 5986078 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR TITLE OF INVENTION: SUPPRESSOR GENE ING1
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (650) 854-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOMTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE.
                                                                                                                                                                                                                                                                                            COMPUTER READABLE MEDIUM TYPE: F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                         CURRENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA.
                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: STREET: 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                                                     STATE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Mooi, Leslie REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 0 FILING DATE: 08-DEC 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                     CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING
                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                      SOFTWARE:
                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                 COMPUTER .
                                                                                                                                                                                                                                                                                                                             7 I P :
              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13, Application US/09258371
). 5986078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         w
                                                                                                                                                                                                                                                                                                                         RY: USA
22313-1404
                                                                                                                                                                                                                                     ARE: Patentin Release #1.0, APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                  Alexandria
                                                                                                                          MOOL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TGCAGCATCCGCCGCTTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TCCAGCATCTGCTGCTTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DATE:
20 base pairs nucleic acid
                                                                                                                                                                                                                                                                                                                                                    ٧×
                                                                                                                                                                                                                                                                                                                                                                                699 Prince
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                 ISM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                            Burns,
                                                                                                                         Leslie A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Leslie A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DNA (genomic)
                                                                                                                                                                                                                                                                                                            FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66.0%;
                                                                                                                                                                                                                                                                                                                                                                                Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US/09/258,257
                                                                                                                                                                   08/751,230
                                                                                                                                                                                                                            US/09/258,371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            37,047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     08/569,721
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
                                                                                                 028722-144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  028722-128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.2; DB 2; Pred. No. 3.9e+03; ); Mismatches 3;
                                                                                                                                                                                                                                                      Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0;
```

```
Db
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Y
Y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: US-09-258-371-13
                                     Db
                                                             QV
QV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-258-371-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT
RESULT
                                                                                                                                       US-09-258-371-19
                                                                                             Query Matca
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No
GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local
                                                                                       Matches
                                                                                                                                                                                                                             INFORMATION FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESSEE: Burne STREET
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0,

CURRENT APPLICATION DATA:
                                                                                                                                                    MOLECULE
                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                 FORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                 TELECOMMUN
                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT
                                                                                                                                                                                                                                      NAME: MOOI, Leslie A.
REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 0287
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-7400
TELEPHONE: 415-854-8275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                   APPLICATION
FILING DATE:
CLASSIFICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
CITY: !
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                               TÜPULUGY
                                                                                                                                                                                         TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE:
                                                                                                              Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19, Application US/09258371
. 5986078
                                     18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Similarity 83.3%; Similarity 83.3%; 15; Conservative
                                                             3 T
                                                                                      Similarity
15; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                T: Garkavtsev, Igor

T: Riabowol, Karl

INVENTION: DNA SEQUENCE ENCODING THE

INVENTION: SUPPRESSOR GENE ING1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TCCAGCATCTGCTGCTTC 20
| ||||||| || |||||
TGCAGCATCGGCCGCTTC 20
                                                                                                                                                                                      nucleic acid
                                   YPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A
                                                                                                                                                                                                                                                                                                                                                                                              ION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      699 Prince Street exandria
                                                                                                                                                                                                                                                                                                                                                                      ATION:
                                                                                     66.0%;
larity 83.3%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     single
linear
                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                    INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            other nucleic acid
                                                                                                                                                    other nucleic acid
                                                                                                                                                                         single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Doane, Swecker & Mathis
                                                                                                                                                                                                                                                                                                                                            08/751,230
                                                                                                                                                                                                                                                                                                                                                                                              US/09/258,371
                                                                                                                                                                                                                               19:
                                                             20
                                                                                     0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0;
                                     <del>_</del>
                                                                                                                                                                                                                                                                               028722-144
                                                                                   Score 13.2, DH 2, Pred. No. 3.9c+03; 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13 2; DH 2;
Pred. No. 3.9e+03;
); Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                       Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TUMOR
                                                                                                             Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Longth 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0;
                                                                                     \bigcirc
                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
                                                                                      Ç;
```

US-08-569-721A-

S-08-569-721A-9/c
Sequence 9, Application US/08569721A
Patent No. 6037121
GENERAL INFORMATION:

```
Дb
                                                                                                                                                                                                                                                                                                                                                                                               γO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-569-721A-9
                                                                                                                                                                                                                                                                                                                    RESULT 14
US-08-751-230-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 0287
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 854-7400
TELEFAX: (650) 854-8275
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                    Best
                                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
TITLE OF IN
                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION D
APPLICATION NUMBER:
FILING DATE: 08-DE
                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                    NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRE
ADDRESSEE: Burns,
                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE MEDIUM TYPE: F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
PRIOR
                                                                                                                       STREET:
CITY: AJ
STATE: V
COUNTRY:
ZIP: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
       APPLICATION NUMBER: FILING DATE: 15-NO CLASSIFICATION: 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release *1 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: P.O. Box CITY: Alexandria STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: MOOI, Leslie A. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                        13,
                                                                                                                                                                                                                                                                               INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                      18 TGCAGCATCCGCCGCTTC
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                   3 TCCAGCATCTGCTGCTTC
                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   22313-1404
                                                                                                                         22313-1404
                                                                                                                                                                                                                                                                                             3, Application US/08751230 6117633
                                                                                                                                                              Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 base pairs nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INVENTION:
                                                                                                                                                   ٧A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    P.O.
                                                                                                                                                                            699 Prince Street
                                                                                                                                                                                                                                                     Riabowol,
                                                                                                                                                                                                                         Garkavtsev, Igor
Riabowol, Karl
VENTION: DNA SEQUENCE ENCODING
VENTION: SUPPRESSOR GENE ING1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GARKAVTSEV, RIABOWOL, K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 United States
                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                           PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Burns, Doa
). Box 1404
                                                                                                                                                                                                    ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              08-DEC-1995
           15-NOV-1996
1: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DNA SEQUENCE ENCODING SUPPRESSOR GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                   66.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Doane,
                                                                                                                                                                                        Doane,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Karl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US/08/569,721A
                                   US/08/751,230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         37,047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Igor
                                                                                                                                                                                       Swecker
                                                                                                                                                                                                                                                                                                                                                                                                 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Swecker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  028722-128
                                                                                                                                                                                                                                                                                                                                                                                                                      Score 13.2; DB 3;
Pred. No. 3.9e+03;
                                                                                                                                                                                       ξ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ω٦
                                                          Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mathis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TUMOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
```

0;

Query Match

66.0%;

Score 13.2;

DВ

'n

Length 20;

```
Db
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 15
US-08-751-230-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; MOLECULE US-08-751-230-
; MOLECULE
US-08-751-230-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 19 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local
                                                                            INFORMATION
SEQUENCE C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Mooi, Leslie A.
REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 028722-144
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-7400
TELEFAX: 415-854-8275
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                REFERENCE/DOCKET NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 0287
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-7400
TELEFAX: 415-854-8275
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 harmonical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION
SEQUENCE (
                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TITLE OF INVENTION: SUPPRESSOR GENE ING1
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burn?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING |
ATTORNEY/
                                                                                                                                                                                   FILING DATE: 08-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569721
FILING DATE: 08-DEC-1995
                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                   COMPUTER
                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE COMPUTER:
                                    LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                               LENGTH:
                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 15-NO CLASSIFICATION: 51
                                                                                                                                                                                                                                                                                                                                                                 ZIP:
                         TOPOLOGY:
                                                                                                                                                          NAME: Mooi, Leslie A. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                            OPERATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICA
                                                                                                                                                                                                                                                                                                                                                                            COUNTRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                                                                             STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \boldsymbol{\omega}
                                                                                                                                                                                                                                                                                                                                              22313-1404
READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 20 base pairs
nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                       TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                      Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/08751230
117633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.0%; imilarity 83.3%; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AGENT INFORMATION:
Mooi, Leslie A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TION NUMBER:
                                                                                                                                                                                                                                                                                                            NG SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                  : Burns, Doane, Swecker & 699 Prince Street
                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                         3: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                         linear
                                                                                                                                                                                                                                                    MBER: US/08/751,230
15-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MBER: US 08/569721
08-DEC-1995
              other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             other nucleic
              nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0;
                                                                                                                                               028722-144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.2; DB 3; Pred. No. 3.9e+03; D; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               acid
             acid
                                                                                                                                                                                                                                                                                                Version
                                                                                                                                                                                                                                                                                                #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TUMOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
```

0